

ABSTRACT OF THE DISCLOSURE

The invention provides an Internet-enabled, auto-networking, wireless, sensor-capable, specific geographic location marker based communications network system which broadly and economically deploys a wired and wireless, geographic position specific marker based, communications network technology to form a framework or infrastructure through which a multitude of these marker systems can communicate globally. The invention gathers and transmits or receives: wireless bioinformatics data from living organisms in real time; route and environmental data for real time autonomous systems control; plat data for automating tax assessment; topographic and survey control point data for automating photogrammetry; intelligent survey monument deployment for Internet based land surveying; and environmental, industrial, commercial, residential, medical and security sensor based data in real time. The invention utilizes necessary sensor and position (GPS) electronics and units are deployed along natural and man-made geographic features. Deployment is via field survey or through attachment to a present survey boundary marker or roadside pole.